

# ADJUSTABLE WEIRS

KWT® Tilting weir type: KKS-PE

## Application

KWT weirs are available in various forms and are mainly used in surface and process water systems. The KKS-PE tilting weir provides a very accurate means of controlling water levels upstream, and is a very cost-effective solution for smaller applications.

## Operation

Using a plastic tilting weir is often a cost-effective solution. The side pieces of the weir have been fully manufactured using HDPE. The teeth have been kept wide and the weir plate is made of only stainless steel. This ensures that additional ribbing is not required and the weir will also retain its rigidity during summer temperatures. A product has been created that makes the best use of specific properties of each of the materials.

The weir can be deployed for applications that are up to 2 metre wide with a maximum height of rise of 1.2 metres. The ideal solution for lower water flows such as at nurseries, forest creeks, etc.

## Benefits

- Low build height
- Very accurate level control
- No step down required to provide clearance for plate
- Very cost effective
- Very low maintenance



## Specifications

Weir width dimensions:	500 mm to 2500 mm
Overflow height:	100 mm to 1200 mm
Operation method:	Manual or Actuated
Operation point:	KWT connection or another connection on request.
Other dimensions on request.	

## Materials

Side cheeks:	HDPE
Weir plate:	SS304 or SS316
Top bridge and frame:	SS304 or SS316
Other materials on request.	



**KWT**®  
**Waterbeheersing**

Tel: +31(0)321 33 55 66  
Fax: +31(0)321 33 55 76

E-mail: [kwtwaterbeheersing@kwtgroup.nl](mailto:kwtwaterbeheersing@kwtgroup.nl)  
[www.kwtgroup.nl](http://www.kwtgroup.nl)

